CLIENT : BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer

Byatarayanapura Division

Bengaluru

NAME OF WORK: PACKAGE NO-6 (CONSIST OF 14 WORKS)

6th & Part Bill
Measurement Book

Job Number :- 009-23-000003

Agency :- M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Estimate Cost :- 1500.00 lakhs

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 6TH AND PART BILL

Name of work: Package No. 06 (Consists of 14 Works)

Estimated Cost: Rs. 1500.00 Lakhs

Job Code: 009-23-000003

Head of Account : P-3877 Amruth Nagarothana Works

Name of Agency: M/s.SMLP Asphalts,Prop. Sri B B Umesha, No 1265,Next to Andhra Bank, Major Sandeep Unnikrishnan Road, Yalahanka New Town, Bengaluru-560064.

Work order No: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Measurements Recarded on :

Sl No	Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)								Sqm	
	Qty as per Premeasurement vide E-MB Page No. 01 to 02 is =							1109.97	127.03	140999.00
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								Cum	
	Qty as per Premeasurement vide E-MB Page No. 02 to 05 is =							610.01	214.79	131023.00
5	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.								Sqm	
	Canara bank Layout									
	2nd Main road									
	LHS									
	0.00	30.00	1	30.00	1.35	1.35	1.35	40.50		
	60.00	90.00	1	30.00	1.35	1.35	1.35	40.50		
	Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road									
	RHS									
	60.00	70.40	1	10.40	1.35	1.35	1.35	14.04		
	76.00	106.00	1	30.00	1.35	1.35	1.35	40.50		
	212.00	242.00	1	30.00	1.35	1.35	1.35	40.50		
	242.00	272.00	1	30.00	1.35	1.35	1.35	40.50		
	272.00	302.00	1	30.00	1.35	1.35	1.35	40.50		
	Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road									
	LHS									

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl. No.	Chainage		Measurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	60.00	90.00	1	30.00	1.35	1.35	1.35		40.50		
	90.00	120.00	1	30.00	1.35	1.35	1.35		40.50		
	120.00	150.00	1	30.00	1.35	1.35	1.35		40.50		
	150.00	180.00	0	30.00	1.35	1.35	1.35		0.00		
	180.00	210.00	1	30.00	1.35	1.35	1.35		40.50		
	210.00	240.00	0	30.00	1.35	1.35	1.35		0.00		
	240.00	270.00	0	30.00	1.35	1.35	1.35		0.00		
	270.00	300.00	1	30.00	1.35	1.35	1.35		40.50		
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
	RHS										
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50		
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
	LHS										
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50		
				4rd Part Bill Qty					540.54	778.95	421054.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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No	Chainage	No.	Measurement L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :									
8	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.								Cum	
	Qty as per Premeasurement vide E-MB Page No. 08 is =							51.28	6413.65	328918.00
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)								Cum	
	Qty as per Premeasurement vide E-MB Page No. 09 to 10 is =							117.17	7236.31	847876.00
10	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical and as per the Direction of engineer incharge of work								Cum	
	Qty as per Premeasurement vide E-MB Page No. 11 to 12 is =							7.38	106436.07	785340.00
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC, Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge.								Sqm	
	Canara bank Layout									
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road									
	RHS									
	0.00	30.00	1	30.00			0.90	27.00		
	30.00	48.30	1	18.30			0.90	16.47		
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road									
	LHS									
	0.00	14.00	1	14.00			0.90	12.60		
	2nd Main road									
	LHS									
	0	30	1	30.00			0.90	27.00		
	52	82	1	30.00			0.90	27.00		
	82	90	1	8.60			0.90	7.74		
	101	120	1	19.00			0.90	17.10		
	120	135	1	15.00			0.90	13.50		
	135	165	1	30.00			0.90	27.00		
	165	180	1	15.00			0.90	13.50		
				6th Part Bill Qty				188.91	2175.19	410915.00

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Ward No. 09 — 5th Part Bill

Sl No	Chainage	No	L	B1	B2	Av B	D	Measurement Qty	Rate / Unit	Amount
	Measurements Recorded on									
4	Providing and Fixing pre cast covering Slab 200mm thick made out of CC 1:2:4 with 20mm Down Size with steel reinforcement including form work curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete as per Engineer incharge. (Data Rate)								Cum	
	200 mm Covering Slab									
1	2nd Main road -2nd Cross road Jun	1	10.00	1.50	1.50	1.50		15.00		
2	2nd Main road -1st Cross road Jun	1	10.50	1.50	1.50	1.50		15.75		
3	7th cross road -7th Main road Jun	1	10.50	1.50	1.50	1.50		15.75		
4	7th cross road -7th Main road Jun	1	7.50	1.50	1.50	1.50		11.25		
				5th Part Bill Qty				58.75	8267.34	485845.00

Assistant Executive Engineer
Ward No. 09

Assistant Executive Engineer
Rajarajeshwari Sub Division
BBMP, Bangalore

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Chainage	No.	Mesurement L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
Measurements Recarded on :									
Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.									
Qty as per Premeasurement vide E-MB Page No. 17 to 18 is =							306.41	75.06	22999.00
9 Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density									
Qty as per Premeasurement vide E-MB Page No. 19 to 20 is =							306.41	2764.54	847072.00
20 Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means									
Qty as per Premeasurement vide E-MB Page No. 21 to 22 is =							2271.50	48.50	110168.00
21 Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects									
Qty as per Premeasurement vide E-MB Page No. 23 to 24 is =							113.58	10553.53	1198617.00
22 Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom									
Qty as per Premeasurement vide E-MB Page No. 25 to 26 is =							4663.05	16.17	75402.00
23 Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per specification									
2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
0.00	25.00	1.00	25.00	7.00	6.20	6.60	0.04	6.60	
25.00	30.00	1.00	5.00	5.60	5.60	5.60	0.04	1.12	
30.00	60.00	1.00	30.00	5.60	7.00	6.30	0.04	7.56	
60.00	90.00	1.00	30.00	7.00	6.10	6.55	0.04	7.86	
90.00	120.00	1.00	30.00	6.10	6.70	6.40	0.04	7.68	
120.00	135.00	1.00	15.00	9.00	9.00	9.00	0.04	5.40	
135.00	155.00	1.00	20.00	5.90	6.00	5.95	0.04	4.76	

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Chainage		Mesurement						Qty	Rate / Unit	Amount
		No.	L	B1	B2	Av.,B	D			
155.00	180.00	1.00	25.00	6.00	6.80	6.40	0.04	6.40		
180.00	199.00	1.00	19.00	6.10	5.60	5.85	0.04	4.45		
1st Cross Road From 2nd Main Road 1st Main Road										
0.00	13.00	1.00	13.00	7.40	5.00	6.20	0.04	3.22		
13.00	30.00	1.00	17.00	6.10	5.70	5.90	0.04	4.01		
30.00	60.00	1.00	30.00	5.70	5.60	5.65	0.04	6.78		
60.00	80.00	1.00	20.00	5.60	6.30	5.95	0.04	4.76		
Approach		1.00	6.00			0.60	0.04	0.14		
		1.00	2.50			1.50	0.04	0.15		
2nd Cross Road From 1st Main Road to 2nd Main Road										
0.00	15.00	1.00	15.00	7.40	7.60	7.50	0.04	4.50		
15.00	30.00	1.00	15.00	6.70	6.60	6.65	0.04	3.99		
30.00	46.00	1.00	16.00	6.60	8.80	7.70	0.04	4.93		
1st Cross Road From Canara Bank 5th Cross Road to Dead End										
0.00	30.00	1.00	30.00	10.20	8.40	9.30	0.04	11.16		
30.00	60.00	1.00	30.00	8.40	7.60	8.00	0.04	9.60		
60.00	90.00	1.00	30.00	7.60	7.50	7.55	0.04	9.06		
90.00	120.00	1.00	30.00	7.50	8.00	7.75	0.04	9.30		
120.00	150.00	1.00	30.00	8.00	7.40	7.70	0.04	9.24		
150.00	170.00	1.00	20.00	7.40	6.80	7.10	0.04	5.68		
Approach		1.00	7.00			1.20	0.04	0.34		
		1.00	6.00			1.50	0.04	0.36		
6th Cross Road From 5th Main Road to 11th Main Road										
0.00	30.00	1.00	30.00	6.10	5.50	5.80	0.04	6.96		
30.00	60.00	1.00	30.00	5.50	5.20	5.35	0.04	6.42		
60.00	90.00	1.00	30.00	5.20	5.40	5.30	0.04	6.36		
90.00	120.00	1.00	30.00	5.40	6.40	5.90	0.04	7.08		
120.00	150.00	1.00	30.00	6.40	5.20	5.80	0.04	6.96		
150.00	165.00	1.00	15.00	5.20	5.80	5.50	0.04	3.30		
10th Main Road From 6th Cross Road Dead End										
0.00	30.00	1.00	30.00	5.80	4.80	5.30	0.04	6.36		
30.00	51.00	1.00	21.00	4.80	4.80	4.80	0.04	4.03		
			6th Part Bill Qty					186.52	12253.37	2285523.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

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Kodigehalli Sub Division
BBMP, Bangalore

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BBMP, Bangalore

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Chainage		Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
Measurements Recarded on :										
Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 2015.The finished surface to be level, uniform and free from streaks and holes										
2nd Main Road From 1st Main Road to Sri Auro Bindo Public School										
0.00	25.00	2	25.00			0.10		5.00		
25.00	30.00	2	5.00			0.10		1.00		
30.00	60.00	2	30.00			0.10		6.00		
60.00	90.00	2	30.00			0.10		6.00		
90.00	120.00	2	30.00			0.10		6.00		
120.00	135.00	2	15.00			0.10		3.00		
135.00	155.00	2	20.00			0.10		4.00		
155.00	180.00	2	25.00			0.10		5.00		
180.00	199.00	2	19.00			0.10		3.80		
1st Cross Road From 2nd Main Road 1st Main Road										
0.00	13.00	2	13.00			0.10		2.60		
13.00	30.00	2	17.00			0.10		3.40		
30.00	60.00	2	30.00			0.10		6.00		
60.00	80.00	2	20.00			0.10		4.00		
2nd Cross Road From 1st Main Road to 2nd Main Road										
0.00	15.00	2.5	15.00			0.10		3.75		
15.00	30.00	2.5	15.00			0.10		3.75		
30.00	46.00	2.5	16.00			0.10		4.00		
1st Cross Road From Canara Bank 5th Cross Road to Dead End										
0.00	30.00	2.5	30.00			0.10		7.50		
30.00	60.00	2.5	30.00			0.10		7.50		
60.00	90.00	2.5	30.00			0.10		7.50		
90.00	120.00	2.5	30.00			0.10		7.50		
120.00	150.00	2.5	30.00			0.10		7.50		
150.00	170.00	2.5	20.00			0.10		5.00		
6th Cross Road From 5th Main Road to 11th Main Road										
0.00	30.00	2	30.00			0.10		6.00		
30.00	60.00	2	30.00			0.10		6.00		
60.00	90.00	2	30.00			0.10		6.00		
90.00	120.00	2	30.00			0.10		6.00		
120.00	150.00	2	30.00			0.10		6.00		
150.00	165.00	2	15.00			0.10		3.00		
10th Main Road From 6th Cross Road Dead End										
0.00	30.00	2	30.00			0.10		6.00		
30.00	51.00	2	21.00			0.10		4.20		
			6th Part Bill Qty					153.00	551.98	84453.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum.								Cum	
Qty Vide Item No. 1,4&16							916.41	138.28	126670.00
Cost of Haulage Excluding Loading and Unloading, Case-1 : Surfaced Road A Taking output 10 t load and lead 10 km = 100 t.km								T. Kms	
Same as Qty Vide Item No. 30							916.41		
Density of Sand/Debris i.e 1.28 Tonne/Cum	916.41	1.28					1173.00	110.88	130038.00
								Sub Total =	8253813.00
								Add GST 18% Charges =	1485686.00
								Grand Total =	9739499.00

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Mecadaz Core Technologies Private Limited
MECHADEZ

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CLIENT : BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer

Byatarayanapura Division

Bengaluru

NAME OF WORK: PACKAGE NO-6 (CONSIST OF 14 WORKS)

6th & Part Bill
Pre Measurement Book

Job Number :- 009-23-000003

Agency :- M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Estimate Cost :- 1500.00 lakhs

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ABSTRACT

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Executive Engineer Pattanapuram Division

Package No.06 (Consists of 14 Works)

Abstract

6th & Part Bill

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead. (By Manual Means in Cement Concrete Grade M-15 & M-20)	Cum	107.20	844.14	75.51	63717.05	0.00	0.00	75.51	63717.05
2	Removing and refixing stone slabs of Granite and plastering in C.M (1:3) (Kerb Pale)	Sqm	3734.18	121.08	1455.89	176301.51	1111.01	134533.09	2566.90	310834.59
3	Removing and refixing of footpath Slab (Kerb Pale)	Sqm	2153.40	344.70	132.40	45634.08	0.00	0.00	132.40	45634.08
4	Earth work excavation by manual means for drains,canals, waste weir, road, approach channels, any trenches, foundations of bridges and such similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, sheeting, sanken fabric, removal of slurries and other extraneous matter, excavated surface layings and sides neatly dressed disposing off the excavated stuff as earthing & making the selected stuff be taken to a distance of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work.	Cum	19258.26	214.99	8317.00	1788251.83	5151.00	1107663.49	13468.00	2895915.32
5	Providing granite slabs of selected quality locally dressed (what a size of 2 feet thick and free) in cement mortar (1:6) including fixing charges etc., complete.	Sqm	1941.21	778.95	670.10	522078.99	670.10	522078.99	1340.20	1044157.98
6	Providing 25 mm slabs of selected quality locally dressed (what a size of 2 feet thick and free) in cement mortar (1:6) including fixing charges etc., complete as directed by the Engineer in Charge of the work(Including cost and fixing charges)(Kerb Pale)	Sqm	1201.25	878.68	42.15	37036.36	0.00	0.00	42.15	37036.36
7	Providing and fixing Granite/Marble stone slab (granite stone masonry as per specifications as directed by the Engineer in Charge of the work(Including cost and fixing charges)(Kerb Pale)	Sqm	442.11	954.05	198.00	188919.00	0.00	0.00	198.00	188919.00
8	Providing and laying in position plain cement concrete Mix 1:2:4 (1 of 53 for leveling course for all works in foundations. Using dry non saline sea gravel to obtain coarse aggregate and fine aggregate as per relevant IS codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrator, including all lead to site, cost of all materials of quality, shape, charges towards maintenance, curing, and all the other appurtenances required to complete the work as per relevant specifications	Cum	1726.96	6613.00	1156.00	7645828.00	91.26	603611.58	1247.26	8249439.58

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Sl No	Description of Item	Unit	Quantity	Rate, Rs	Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	3830.41	7236.31	2394.89	17330189.61	117.17	847876.27	2512.06	18178065.88
10	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical and as per the Direction of engineer incharge of work	Tonne	240.39	106436.07	143.11	15232314.80	7.38	785340.14	150.49	16017654.94
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)and as per the Direction of engineer incharge of work	Cum	111.54	6180.38	0.00	0.00	0.00	0.00	0.00	0.00
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paidseparately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	Cum	82.62	6790.11	36.72	249332.84	0.00	0.00	36.72	249332.84
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	9123.00	2175.19	4510.53	9811259.75	188.91	410915.14	4699.44	10222174.89
14	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	792.57	5287.84	537.63	2842901.42	58.35	308545.46	595.98	3151446.88

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Sl No	Description of Item	Unit	Quantity	Rate, Rs	Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
15	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. Item No 11.16.3.1	Kg	2190.00	127.03	0.00	0.00	0.00	0.00	0.00	0.00
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	1911.38	75.06	187.12	14045.11	306.41	22998.83	493.52	37043.94
17	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3	Sqm	3939.86	4.62	1442.75	6665.51	0.00	0.00	1442.75	6665.51
18	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material)	Cum	258.19	2710.27	0.00	0.00	0.00	0.00	0.00	0.00
19	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406	Cum	2365.69	2764.54	524.64	1450376.04	306.41	847071.64	831.04	2297447.68
20	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502 (PWD SR 21-22 Vol III Pg no 29 Item No 5.1 A (i))	Sqm	14422.26	48.50	2522.02	122318.18	2271.50	110167.75	4793.52	232485.93

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Sl No	Description of Item	Unit	Quantity	Rate, Rs	Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
21	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	Cum	721.11	10553.53	149.33	1575965.23	113.58	1198617.17	262.91	2774582.40
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	Sqm	25323.23	16.17	5417.74	87604.86	4663.05	75401.52	10080.79	163006.37
23	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	1012.93	12253.37	216.71	2655422.91	186.52	2285523.08	403.23	4940945.99
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	Sqm	916.20	551.98	211.18	116567.14	153.00	84452.94	364.18	201020.08
25	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately MORTH Specification No. 202	Cum	80.96	487.32	0.00	0.00	0.00	0.00	0.00	0.00
26	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	213.91	5611.08	0.00	0.00	0.00	0.00	0.00	0.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs	Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
27	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.	Cum	213.91	7519.93	0.00	0.00	0.00	0.00	0.00	0.00
28	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge. MORTH Specification No. 602.6.3	M	496.42	80.83	0.00	0.00	0.00	0.00	0.00	0.00
29	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm wide). MORTH Specification No. 602.6.3	M	496.42	190.54	0.00	0.00	0.00	0.00	0.00	0.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill					
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
30	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) as per specifications as directed by the Engineer in Charge of the work	Cum	15157.78	136.26	8354.78	1138422.37	916.41	124870.18	9271.19	1263292.56
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t km as per specifications as directed by the Engineer in Charge of the work	t.Km	19401.95	110.86	10694.12	1185550.02	1173.01	130039.48	11867.13	1315589.49
Total Amount						63741689.00		8253813.00		71995503.19
Add 18% GST Charges						11473504.00		1485686.00		12959190.00
Grand Total						75215193.00		9739499.00		84954693.00

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

Asst. Engineer
Ward No. 08
BBMP

Asst. Executive Engineer,
Kodigehalli Sub Division
BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Byrayanapura Division
BBMP

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PRE MEASUREMENT SHEETS

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.3MLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	2									
Item Name	Removing and refixing atone slabs of drains and pointing in CM (1:3) (Data Rate)									
Sl. NO	CHAINAGE / Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				2-5 Nov 22		5 Dec 22				

3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)

Canarabank Layout

Dialling For Drain

2nd Main road

RHS	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50
	90.00	120.00	1	30.00	1.35	1.35	1.35		40.50
	120.00	135.00	1	15.00	1.35	1.35	1.35		20.25

Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road

RHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50
	106.00	116.30	1	10.30	1.35	1.35	1.35		13.91
	122.50	152.50	1	30.00	1.35	1.35	1.35		40.50
	152.50	155.00	1	2.50	1.35	1.35	1.35		3.38
	162.00	182.00	1	20.00	1.35	1.35	1.35		27.00
	182.00	212.00	1	30.00	1.35	1.35	1.35		40.50
	302.00	307.00	1	5.00	1.35	1.35	1.35		6.75

Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road

LHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50
	150.00	180.00	1	30.00	1.35	1.35	1.35		40.50
	210.00	240.00	1	30.00	1.35	1.35	1.35		40.50
	240.00	270.00	1	30.00	1.35	1.35	1.35		40.50
	300.00	307.00	1	7.00	1.35	1.35	1.35		9.45

2nd Cross Road From 3rd Main Roaad to 2nd Main Road

RHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50
	60.00	77.00	1	17.00	1.35	1.35	1.35		22.95

2nd Cross Road From 3rd Main Roaad to 2nd Main Road

RHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50
	60.00	75.00	1	15.00	1.35	1.35	1.35		20.25

Assistant Executive Engineer
Kathriguppe Sub Division
BBMP, Bangalore

650-43

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
6th Cross Road From 5th Main Road to 11th Main Road										
LHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50	650.43
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50	
	60.00	90.00	1	30.00	1.35	1.35	1.35		40.50	
	90.00	120.00	1	30.00	1.35	1.35	1.35		40.50	
	120.00	150.00	1	30.00	1.35	1.35	1.35		40.50	
	150.00	165.00	1	15.00	1.35	1.35	1.35		20.25	
6th Cross Road From 5th Main Road to 11th Main Road										
RHS	0.00	30.00	1	30.00	1.35	1.35	1.35		40.50	
	30.00	60.00	1	30.00	1.35	1.35	1.35		40.50	
	60.00	90.00	1	30.00	1.35	1.35	1.35		40.50	
	90.00	120.00	1	30.00	1.35	1.35	1.35		40.50	
	120.00	150.00	1	30.00	1.35	1.35	1.35		40.50	
	150.00	165.00	1	15.00	1.35	1.35	1.35		20.25	1095.93
Executed Quantity									**1109.97**	**Sqm**
Schedule-B Quantity									**3424.08**	**Sqm**
Quantity paid in previous bill									**1405.35**	**Sqm**
Quantity carried to summary of 6th RA bill									**1109.97**	**Sqm**

Mecadez Core Technologies Private Limited MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

5/12/22

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

me of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

rkorder No: BBMP/EE/BTP/WO/76/22-23

b Code: 009-23-000003

6th & Part Bill

em NO	4
Item Name	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
leasurement Recorded On :				30/Nov/22		10/Dec/22				
)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	Earth Work For Rcc Drain									
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road									
LHS	0.00	30.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	30.00	48.30	1	18.30	1.10	1.10	1.10	1.05	21.14	
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road									
RHS	0.00	14.00	1	14.00	1.10	1.10	1.10	1.05	16.17	
	14.00	26.00	1	12.00	1.10	1.10	1.10	1.05	13.86	
	26.00	45.00	1	19.00	1.10	1.10	1.10	1.05	21.95	
	2nd Main road									
LHS	0.00	30.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	30.00	41.50	1	11.50	1.10	1.10	1.10	1.05	13.28	
	51.50	81.50	1	30.00	1.10	1.10	1.10	1.05	34.65	
	81.50	90.10	1	8.60	1.10	1.10	1.10	1.05	9.93	
	101.00	120.00	1	19.00	1.10	1.10	1.10	1.05	21.95	
	120.00	135.00	1	15.00	1.10	1.10	1.10	1.05	17.33	
	135.00	165.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	165.00	180.00	1	15.00	1.10	1.10	1.10	1.05	17.33	
	For Culverts									
1	2nd Main road -2nd Cross road Jun		1	10.00	1.40	1.40	1.40	1.05	14.70	
2	2nd Main road -1st Cross road Jun		1	10.90	1.40	1.40	1.40	1.05	16.02	
	Disilting For Drain									
	2nd Main road									
RHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.50	6.75	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.42	5.67	
	60.00	90.00	1	30.00	0.45	0.45	0.45	0.55	7.43	
	90.00	120.00	1	30.00	0.45	0.45	0.45	0.50	6.75	
	120.00	135.00	1	15.00	0.45	0.45	0.45	0.45	3.04	

351.82

Assistant Executive Engineer
Kudigehalli Sub Division
BBMP, Bangalore

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road										
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.43	5.81	351.38
RHS	30.00	30.00	1	0.00	0.45	0.45	0.45	0.56	0.00	
	30.00	70.40	1	40.40	0.45	0.45	0.45	0.46	8.36	
	76.00	106.00	1	30.00	0.45	0.45	0.45	0.52	7.02	
	106.00	116.30	1	10.30	0.45	0.45	0.45	0.46	2.13	
	122.50	152.50	1	30.00	0.45	0.45	0.45	0.46	6.21	
	152.50	155.00	1	2.50	0.45	0.45	0.45	0.55	0.62	
	155.00	162.00	1	7.00	0.45	0.45	0.45	0.47	1.48	
	162.00	182.00	1	20.00	0.45	0.45	0.45	0.54	4.86	
	182.00	212.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	212.00	242.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	242.00	272.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	272.00	302.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	302.00	307.00	1	5.00	0.45	0.45	0.45	0.45	1.01	
Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road										
RHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.42	5.67	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	60.00	90.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	90.00	120.00	1	30.00	0.45	0.45	0.45	0.55	7.43	
	120.00	150.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	150.00	180.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	180.00	210.00	1	30.00	0.45	0.45	0.45	0.54	7.29	
	210.00	240.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	240.00	270.00	1	30.00	0.45	0.45	0.45	0.45	6.08	
	270.00	300.00	1	30.00	0.45	0.45	0.45	0.45	6.08	
	300.00	307.00	1	7.00	0.45	0.45	0.45	0.48	1.51	
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
RHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.45	6.08	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	60.00	77.00	1	17.00	0.45	0.45	0.45	0.46	3.52	
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
RHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	60.00	75.00	1	15.00	0.45	0.45	0.45	0.45	3.04	
6th Cross Road From 5th Main Road to 11th Main Road										
LHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.47	6.35	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.47	6.35	
	60.00	90.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	90.00	120.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	120.00	150.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	150.00	165.00	1	15.00	0.45	0.45	0.45	0.47	3.17	
6th Cross Road From 5th Main Road to 11th Main Road										
RHS	0.00	30.00	1	30.00	0.45	0.45	0.45	0.47	6.35	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	60.00	90.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	90.00	120.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	120.00	150.00	1	30.00	0.45	0.45	0.45	0.56	7.56	
	150.00	165.00	1	15.00	0.45	0.45	0.45	0.56	3.78	

603.53

Assistant Executive Engineer
Kadugodi Sub Divisio.
BBMP, Bangalore

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5
603.53

L NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
	Disilting for Culverts								
3	5th cross road -11th Main road Jun	1	10.50	0.60	0.60	0.60	0.60	3.78	
4	7th cross road -7th Main road Jun	1	7.50	0.60	0.60	0.60	0.60	2.70	
								610.01	Cum
	Executed Quantity							13058.24	Cum
	Schedule-B Quantity							8217.92	Cum
	Quantity paid in previous bill							610.01	Cum
	Quantity carried to summary of 6th RA bill								

Mecadaz Core Technologies Private Ltd

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

Asst. Executive Engineer
Kodegehalli Sub Division,
BBMP Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	5	
Item Name	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				30/Nov/22		2/Dec/22		

3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)

Canarabank Layout								
Disilting For Drain								
2nd Main road								
RHS	0.00	30.00	1	30.00	1.35		40.50	
	30.00	60.00	1	30.00	1.35			
	60.00	90.00	1	30.00	1.35		40.50	
	90.00	120.00	1	30.00	1.35			
	120.00	135.00	1	15.00	1.35			
Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road								
RHS	60.00	70.40	1	10.40	1.35		14.04	
	76.00	106.00	1	30.00	1.35		40.50	
	212.00	242.00	1	30.00	1.35		40.50	
	242.00	272.00	1	30.00	1.35		40.50	
	272.00	302.00	1	30.00	1.35		40.50	
	302.00	307.00	1	5.00	1.35			
Raja Ram Mohan Roy Road GKVK Road to 7th Cross Road								
	0.00	30.00	1	30.00	1.35			
	30.00	60.00	1	30.00	1.35			
LHS	60.00	90.00	1	30.00	1.35		40.50	
	90.00	120.00	1	30.00	1.35		40.50	
	120.00	150.00	1	30.00	1.35		40.50	
	150.00	180.00	1	30.00	1.35			
	180.00	210.00	1	30.00	1.35		40.50	
	210.00	240.00	1	30.00	1.35			
	240.00	270.00	1	30.00	1.35			
	270.00	300.00	1	30.00	1.35		40.50	
	300.00	307.00	1	7.00	1.35			

459.54

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Depth (m)	Qty	Remarks
2nd Cross Road From 3rd Main Roaad to 2nd Main Road								
	0.00	30.00	1	30.00	1.35			453.54
RHS	30.00	60.00	1	30.00	1.35		40.50	
	60.00	77.00	1	17.00	1.35			
2nd Cross Road From 3rd Main Roaad to 2nd Main Road								
	0.00	30.00	1	30.00	1.35			
RHS	30.00	60.00	1	30.00	1.35		40.50	
	60.00	75.00	1	15.00	1.35			
Executed Quantity							**540.54**	**Sqm**
Schedule-B Quantity							**1347.27**	**Sqm**
Quantity paid in previous bill							**647.06**	**Sqm**
Quantity carried to summary of 6th RA bill							**540.54**	**Sqm**

Mecadez Core Technologies Private Limited MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

Asst Executive Engineer
Kengeri Hallli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

ne of the Contractor:M/s SMLP Asphalts,Prop. Sri B B Umesha,

korder No: BBMP/EE/BTP/WO/76/22-23

Code: 009-23-000003

6th & Part Bill

m NO	8
n Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
asurement Recorded On :				21/Dec/22						

mprovements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)

Canarabank Layout

2nd Cross Road From 3rd Main Roaad to 2nd Main Road

S	0.00	30.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	30.00	48.30	1	18.30	1.20	1.20	1.20	0.15	3.29	

2nd Cross Road From 3rd Main Roaad to 2nd Main Road

S	0.00	14.00	1	14.00	1.20	1.20	1.20	0.15	2.52	
	14.00	26.00	1	12.00	1.20	1.20	1.20	0.15	2.16	
	26.00	45.00	1	19.00	1.20	1.20	1.20	0.15	3.42	

2nd Main road

S	0.00	30.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	30.00	41.50	1	11.50	1.20	1.20	1.20	0.15	2.07	
	51.50	81.50	1	30.00	1.20	1.20	1.20	0.15	5.40	
	81.50	90.10	1	8.60	1.20	1.20	1.20	0.15	1.55	
	101.00	120.00	1	19.00	1.20	1.20	1.20	0.15	3.42	
	120.00	135.00	1	15.00	1.20	1.20	1.20	0.15	2.70	
	135.00	165.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	165.00	180.00	1	15.00	1.20	1.20	1.20	0.15	2.70	
	For Culverts									
1	2nd Main road -2nd Cross road Jun		1	10.00	1.40	1.40	1.40	0.20	2.80	
2	2nd Main road -1st Cross road Jun		1	10.90	1.40	1.40	1.40	0.20	3.05	

Executed Quantity	**51.28**	**Cum**
Schedule-B Quantity	**1758.83**	**Cum**
Quantity paid in previous bill	**1140.64**	**Cum**
Quantity carried to summary of 6th RA bill	**51.28**	**Cum**

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Core Technologies Private Limited * Mecadez

ontractor Representative

Consultant Representative

Assistant Engineer
Ward No 08
BBMP Bangalore

Asst Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

21/12/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	9	
Item Name	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				5/Dec/22						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
Canarabank Layout										
For Raft										
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
LHS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	30.00	48.30	1	18.30	0.90	0.90	0.90	0.15	2.47	
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
RHS	0.00	14.00	1	14.00	0.90	0.90	0.90	0.15	1.89	
	14.00	26.00	1	12.00	0.90	0.90	0.90	0.15	1.62	
	26.00	45.00	1	19.00	0.90	0.90	0.90	0.15	2.57	
2nd Main road										
LHS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	30.00	41.50	1	11.50	0.90	0.90	0.90	0.15	1.55	
	51.50	81.50	1	30.00	0.90	0.90	0.90	0.15	4.05	
	81.50	90.10	1	8.60	0.90	0.90	0.90	0.15	1.16	
	101.00	120.00	1	19.00	0.90	0.90	0.90	0.15	2.57	
	120.00	135.00	1	15.00	0.90	0.90	0.90	0.15	2.03	
	135.00	165.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	165.00	180.00	1	15.00	0.90	0.90	0.90	0.15	2.03	
For Culverts										
1	2nd Main road -2nd Cross road Jun		1	10.00	1.40	1.40	1.40	0.20	2.80	
2	2nd Main road -1st Cross road Jun		1	10.00	1.40	1.40	1.40	0.20	2.80	
Measurement Recorded On :				~~21-Oct-2022~~		~~29-Oct-2022~~		12/Dec/22		
For Wall										
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
LHS	0.00	30.00	2	30.00	0.15	0.15	0.15	0.72	6.48	
	30.00	48.30	2	18.30	0.15	0.15	0.15	0.73	4.01	
2nd Cross Road From 3rd Main Roaad to 2nd Main Road										
RHS	0.00	14.00	2	14.00	0.15	0.15	0.15	0.72	3.02	
	14.00	26.00	2	12.00	0.15	0.15	0.15	0.73	2.63	
	26.00	45.00	2	19.00	0.15	0.15	0.15	0.75	4.28	

CC&C 5/12/22

60.09

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SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
					2nd Main road					
LHS	0.00	30.00	2	30.00	0.15	0.15	0.15	0.70	6.30	60.26
	30.00	41.50	2	11.50	0.15	0.15	0.15	0.70	2.42	
	51.50	81.50	2	30.00	0.15	0.15	0.15	0.70	6.30	
	81.50	90.10	2	8.60	0.15	0.15	0.15	0.70	1.81	
	101.00	120.00	2	19.00	0.15	0.15	0.15	0.75	4.28	
	120.00	135.00	2	15.00	0.15	0.15	0.15	0.75	3.38	
	135.00	165.00	2	30.00	0.15	0.15	0.15	0.75	6.75	
	165.00	180.00	2	15.00	0.15	0.15	0.15	0.75	3.38	
	For Culverts									
1	2nd Main road -2nd Cross road Jun		2	10.90	0.30	0.30	0.30	0.70	4.58	
2	2nd Main road -1st Cross road Jun		2	10.00	0.30	0.30	0.30	0.70	4.20	
	Ramp Concrete for Culverts									
1	2nd Main road -2nd Cross road Jun		2	10.00	0.70	0.72	0.71	0.25	3.55	
2	2nd Main road -1st Cross road Jun		2	10.90	0.68	0.72	0.70	0.25	3.82	
3	5th cross road -11th Main road Jun		2	10.50	0.60	0.62	0.61	0.20	2.56	
4	7th cross road -7th Main road Jun		2	7.50	0.60	0.60	0.60	0.18	1.62	
	Coping Concrete for Culverts									
3	5th cross road -11th Main road Jun		2	10.50	0.60	0.60	0.60	0.10	1.26	
4	7th cross road -7th Main road Jun		2	7.50	0.60	0.60	0.60	0.10	0.90	
Executed Quantity									**117.17**	**Cum**
Schedule-B Quantity									**3830.41**	**Cum**
Quantity paid in previous bill									**2394.89**	**Cum**
Quantity carried to summary of 6th RA bill									**117.17**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Core Technologies Private Limited MECADEZ

Contractor representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

2/10/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

Exeecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

me of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
rkorder No: BBMP/EE/BTP/WO/76/22-23
b Code: 009-23-000003

6th & Part Bill

tem NO	10						
tem ame	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200						
SL. NO.	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
easurement Recorded On :			3/Dec/22				

Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in ard No.08 (Vidyaranyapura)

	Canarabank Layout							
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road							
	LHS		48.30					
	U bar							
	10mm dia	484	2.25				1089.00	
	0.62kg/m						**675.18**	Kg
	Distribution bar							
	8mm dia	24	48.25				1158.00	
	0.395kg/m						**457.41**	Kg
	2nd Cross Road From 3rd Main Roaad to 2nd Main Road							
	RHS		45.00					
	U bar							
	10mm dia	451	2.25				1014.75	
	0.62kg/m						**629.15**	Kg
	Distribution bar							
	8mm dia	24	45.00				1080.00	
	0.395kg/m						**426.60**	Kg
	2nd Main road							
	LHS		159.10					
	U bar							
	10mm dia	1592	2.25				3582.00	
	0.62kg/m						**2220.84**	Kg
	Distribution bar							
	8mm dia	24	159.05				3817.20	
	0.395kg/m						**1507.79**	Kg

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L. O.	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	Culverts							
			20.90					
	U bar						472.50	
	12mm dia	210	2.25				**420.53**	Kg
	0.62kg/m							
	Distribution bar						500.40	
	10mm dia	24	20.85				**310.25**	Kg
	0.395kg/m						**1461.55**	
				For Double mat			**7378.52**	Kg
	Executed Quantity						**7.38**	**Tonne**
	Schedule B Quantity						**240.39**	**Tonne**
	Quantity paid in previous bill						**143.11**	**Tonne**
	Quantity carried to summary of 6th RA bill						**7.38**	**Tonne**

Mecadez Core Technologies Private Limited MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

3/12/22

Assistant Executive Engineer
Kodegehalli Sub Division
BBMP Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

me of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
rkorder No: BBMP/EE/BTP/WO/76/22-23
b Code: 009-23-000003

6th & Part Bill

tem NO	13
em Name	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
easurement Recorded On :			19 Dec 22				

Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 Vidyaranyapura)

Canarabank Layout								
Precast Covering Slab								
2nd Cross Road From 3rd Main Roaad to 2nd Main Road								
HS	0.00	30.00	1	30.00	0.90		27.00	
	30.00	48.30	1	18.30	0.90		16.47	
2nd Cross Road From 3rd Main Roaad to 2nd Main Road								
RHS	0.00	14.00	1	14.00	0.90		12.60	
2nd Main road								
LHS	0.00	30.00	1	30.00	0.90		27.00	
	51.50	81.50	1	30.00	0.90		27.00	
	81.50	90.10	1	8.60	0.90		7.74	
	101.00	120.00	1	19.00	0.90		17.10	
	120.00	135.00	1	15.00	0.90		13.50	
	135.00	165.00	1	30.00	0.90		27.00	
	165.00	180.00	1	15.00	0.90		13.50	
Executed Quantity							**188.91**	**Sqm**
Schedule-B Quantity							**9123.00**	**Sqm**
Quantity paid in previous bill							**4510.53**	**Sqm**
Quantity carried to summary of 6th RA bill							**188.91**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

19/12/22

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Exceecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

ame of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
orkorder No: BBMP/EE/BTP/WO/76/22-23
b Code: 009-23-000003

6th & Part Bill

tem NO	14	
Item Name	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
easurement Recorded On :			19/Dec/22				

Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08
idyaranyapura)

Canarabank Layout							
230mm Covering Slab							
1	2nd Main road -2nd Cross road Jun	1	10.00	1.50		15.00	
2	2nd Main road -1st Cross road Jun	1	10.90	1.50		16.35	
3	7th cross road -7th Main road Jun	1	10.50	1.50		15.75	
4	7th cross road -7th Main road Jun	1	7.50	1.50		11.25	
Executed Quantity						**58.35**	**Sqm**
Schedule-B Quantity						**792.57**	**Sqm**
Quantity paid in previous bill						**537.63**	**Sqm**
Quantity carried to summary of 6th RA bill						**58.35**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Mecadez Core Technologies Private Limited MECADEZ

ontractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

12/12

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	30	
Item Name	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) as per specifications as directed by the Engineer in Charge of the work	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			1/Dec/22		12/Dec/22				
3]Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)									
Canarabank Layout									
				Reff Item No-4& 16		916.41		916.41	
Executed Quantity								**916.41**	**Cum**
Schedule-B Quantity								**15157.78**	**Cum**
Quantity paid in previous bill								**8354.78**	**Cum**
Quantity carried to summary of 6th RA bill								**916.41**	**Cum**

Core Technologies Private Limited Mecadez

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

12/12/22

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	31	
Item Name	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km as per specifications as directed by the Engineer in Charge of the work	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			11 Dec 22		12 Dec 22				
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)									
Canarabank Layout									
				Reff Item No-4& 16			916.41	1.28	1173.01	

Executed Quantity	**1173.01**	**t.Km**
Schedule-B Quantity	**19401.95**	**t.Km**
Quantity paid in previous bill	**10694.12**	**t.Km**
Quantity carried to summary of 6th RA bill	**1173.01**	**t.Km**

Mecadez Core Technologies Private Limited MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bangalore

12/12/22

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANAGLORE MAHANAGARA PALIKE

Exccecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

6th & Part Bill

Item NO	16	
Item Name	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth B(m)	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)		(m)		
Measurement Recorded On :				5/Apr/23						
)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	Earth Work For Pipe Cutting									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
HS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.23	1.73	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.23	6.90	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.23	6.56	
HS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.23	1.73	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.23	6.90	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.23	6.56	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	1.00	1.00	1.00	0.23	2.99	
	13.00	30.00	1	17.00	1.00	1.00	1.00	0.23	3.91	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	60.00	80.00	1	20.00	1.00	1.00	1.00	0.23	4.60	

155.71

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
	2nd Cross Road From 1st Main Road to 2nd Main Road									
LHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.23	5.18	155.71
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.23	5.52	
RHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.23	5.52	
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	170.00	1	20.00	1.20	1.20	1.20	0.23	5.52	
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	150.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	150.00	165.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	1.20	1.50	1.35	0.23	9.32	
	30.00	51.00	1	21.00	1.20	1.20	1.20	0.23	5.80	
Executed Quantity									306.41	Cum
Schedule B Quantity									1911.38	Cum
Quantity paid in previous bill									187.12	Cum
Quantity carried to summary of 6th RA bill									306.41	Cum

Contractor Representative

Mecadez Core Technologies Private Limited MECADEZ

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bengaluru

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE
Exceeutive Engineer Byatarayanapura Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

6th & Part Bill

Item NO	19
Item Name	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On :				6/April/23						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	Wet Mix For Pipe Cutting									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
LHS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.23	1.73	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.23	6.90	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.23	6.56	
RHS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.23	1.73	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.23	6.90	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.23	8.63	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.23	6.56	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	1.00	1.00	1.00	0.23	2.99	
	13.00	30.00	1	17.00	1.00	1.00	1.00	0.23	3.91	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	60.00	80.00	1	20.00	1.00	1.00	1.00	0.23	4.60	
	2nd Cross Road From 1st Main Road to 2nd Main Road									
LHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.23	5.52	
RHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.23	5.52	

183.45

Assistant Executive Engi
Rajarajeshwari Sub Divisio
BBMP, Bangalore

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	187.45
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	170.00	1	20.00	1.20	1.20	1.20	0.23	5.52	
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	120.00	150.00	1	30.00	1.50	1.50	1.50	0.23	10.35	
	150.00	165.00	1	15.00	1.50	1.50	1.50	0.23	5.18	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	1.20	1.50	1.35	0.23	9.32	
	30.00	51.00	1	21.00	1.20	1.20	1.20	0.23	5.80	
Executed Quantity									306.41	Cum
Schedule B Quantity									2365.69	Cum
Quantity paid in previous bill									524.64	Cum
Quantity carried to summary of 6th RA bill									306.41	Cum

Kodigehalli Sub Division
BBMP, Bangalore

Mecadez Core Technologies Private Limited
MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE
Exceecutive Engineer Byatarayanapura Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

6th & Part Bill

Item NO	20
Item Name	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On :				7/Apr/22						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
LHS	0.00	25.00	1	25.00	1.50	1.50	1.50		37.50	
	25.00	30.00	1	5.00	1.50	1.50	1.50		7.50	
	30.00	60.00	1	30.00	1.50	1.50	1.50		45.00	
	60.00	90.00	1	30.00	1.50	1.50	1.50		45.00	
	90.00	120.00	1	30.00	1.50	1.50	1.50		45.00	
	120.00	135.00	1	15.00	1.50	1.50	1.50		22.50	
	135.00	155.00	1	20.00	1.50	1.50	1.50		30.00	
	155.00	180.00	1	25.00	1.50	1.50	1.50		37.50	
	180.00	199.00	1	19.00	1.50	1.50	1.50		28.50	
RHS	0.00	25.00	1	25.00	1.50	1.50	1.50		37.50	
	25.00	30.00	1	5.00	1.50	1.50	1.50		7.50	
	30.00	60.00	1	30.00	1.50	1.50	1.50		45.00	
	60.00	90.00	1	30.00	1.50	1.50	1.50		45.00	
	90.00	120.00	1	30.00	1.50	1.50	1.50		45.00	
	120.00	135.00	1	15.00	1.50	1.50	1.50		22.50	
	135.00	155.00	1	20.00	1.50	1.50	1.50		30.00	
	155.00	180.00	1	25.00	1.50	1.50	1.50		37.50	
	180.00	199.00	1	19.00	1.50	1.50	1.50		28.50	
Profile Correction										
	0.00	25.00	1	25.00	2.00	2.00	2.00		50.00	
	25.00	30.00	1	5.00	2.00	2.00	2.00		10.00	
	30.00	60.00	1	30.00	2.00	2.00	2.00		60.00	
	60.00	90.00	1	30.00	2.00	2.00	2.00		60.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00		60.00	
	120.00	135.00	1	15.00	2.00	2.00	2.00		30.00	
	135.00	155.00	1	20.00	2.00	2.00	2.00		40.00	
	155.00	180.00	1	25.00	2.00	2.00	2.00		50.00	
	180.00	199.00	1	19.00	2.00	2.00	2.00		38.00	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	1.00	1.00	1.00		13.00	
	13.00	30.00	1	17.00	1.00	1.00	1.00		17.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00		30.00	
	60.00	80.00	1	20.00	1.00	1.00	1.00		20.00	
Profile Correction										
	0.00	13.00	1	13.00	2.60	2.60	2.60		33.80	
	13.00	30.00	1	17.00	2.50	2.50	2.50		42.50	
	30.00	60.00	1	30.00	2.50	2.50	2.50		75.00	
	60.00	80.00	1	20.00	2.50	2.50	2.50		50.00	

1276.30

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SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	2nd Cross Road From 1st Main Road to 2nd Main Road									1226-30
LHS	0.00	15.00	1	15.00	1.50	1.50	1.50		22.50	
	15.00	30.00	1	15.00	1.50	1.50	1.50		22.50	
	30.00	46.00	1	16.00	1.50	1.50	1.50		24.00	
RHS	0.00	15.00	1	15.00	1.50	1.50	1.50		22.50	
	15.00	30.00	1	15.00	1.50	1.50	1.50		22.50	
	30.00	46.00	1	16.00	1.50	1.50	1.50		24.00	
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.20	1.20		36.00	
	60.00	90.00	1	30.00	1.20	1.20	1.20		36.00	
	90.00	120.00	1	30.00	1.20	1.20	1.20		36.00	
	120.00	150.00	1	30.00	1.20	1.20	1.20		36.00	
	150.00	170.00	1	20.00	1.20	1.20	1.20		24.00	
Profile Correction										
	0.00	30.00	1	30.00	2.00	2.00	2.00		60.00	
	30.00	60.00	1	30.00	2.00	2.00	2.00		60.00	
	60.00	90.00	1	30.00	2.00	2.00	2.00		60.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00		60.00	
	120.00	150.00	1	30.00	2.00	2.00	2.00		60.00	
	150.00	170.00	1	20.00	2.00	2.00	2.00		40.00	
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	1	30.00	1.50	1.50	1.50		45.00	
	30.00	60.00	1	30.00	1.50	1.50	1.50		45.00	
	60.00	90.00	1	30.00	1.50	1.50	1.50		45.00	
	90.00	120.00	1	30.00	1.50	1.50	1.50		45.00	
	120.00	150.00	1	30.00	1.50	1.50	1.50		45.00	
	150.00	165.00	1	15.00	1.50	1.50	1.50		22.50	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	1.20	1.50	1.35		40.50	
	30.00	51.00	1	21.00	1.20	1.20	1.20		25.20	
Executed Quantity									2271.50	Sqm
Schedule B Quantity									14422.26	Sqm
Quantity paid in previous bill									2522.02	Sqm
Quantity carried to summary of 6th RA bill									2271.50	Sqm

Core Technologies Private Limited Mecadez

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE
Exceeutive Engineer Byatarayanapura Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

6th & Part Bill

Item NO	21
Item Name	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On :				7/08/23						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
LHS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.05	1.88	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.05	0.38	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.05	1.50	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.05	1.88	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.05	1.43	
RHS	0.00	25.00	1	25.00	1.50	1.50	1.50	0.05	1.88	
	25.00	30.00	1	5.00	1.50	1.50	1.50	0.05	0.38	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	120.00	135.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	135.00	155.00	1	20.00	1.50	1.50	1.50	0.05	1.50	
	155.00	180.00	1	25.00	1.50	1.50	1.50	0.05	1.88	
	180.00	199.00	1	19.00	1.50	1.50	1.50	0.05	1.43	
Profile Correction										
	0.00	25.00	1	25.00	2.00	2.00	2.00	0.05	2.50	
	25.00	30.00	1	5.00	2.00	2.00	2.00	0.05	0.50	
	30.00	60.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	60.00	90.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	120.00	135.00	1	15.00	2.00	2.00	2.00	0.05	1.50	
	135.00	155.00	1	20.00	2.00	2.00	2.00	0.05	2.00	
	155.00	180.00	1	25.00	2.00	2.00	2.00	0.05	2.50	
	180.00	199.00	1	19.00	2.00	2.00	2.00	0.05	1.90	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	1.00	1.00	1.00	0.05	0.65	
	13.00	30.00	1	17.00	1.00	1.00	1.00	0.05	0.85	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	60.00	80.00	1	20.00	1.00	1.00	1.00	0.05	1.00	
Profile Correction										
	0.00	13.00	1	13.00	2.60	2.60	2.60	0.05	1.69	
	13.00	30.00	1	17.00	2.50	2.50	2.50	0.05	2.13	
	30.00	60.00	1	30.00	2.50	2.50	2.50	0.05	3.75	
	60.00	80.00	1	20.00	2.50	2.50	2.50	0.05	2.50	

63.82

Executive Engineer
Division
Bangalore

Scanned with CamScanner

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	2nd Cross Road From 1st Main Road to 2nd Main Road									
LHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.05	1.13	63.82
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.05	1.20	
RHS	0.00	15.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	15.00	30.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	30.00	46.00	1	16.00	1.50	1.50	1.50	0.05	1.20	
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	150.00	170.00	1	20.00	1.20	1.20	1.20	0.05	1.20	
Profile Correction										
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	30.00	60.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	60.00	90.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	120.00	150.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	150.00	170.00	1	20.00	2.00	2.00	2.00	0.05	2.00	
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	120.00	150.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	150.00	165.00	1	15.00	1.50	1.50	1.50	0.05	1.13	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	1.20	1.50	1.35	0.05	2.03	
	30.00	51.00	1	21.00	1.20	1.20	1.20	0.05	1.26	
Executed Quantity									113.58	Cum
Schedule B Quantity									721.11	Cum
Quantity paid in previous bill									149.33	Cum
Quantity carried to summary of 6th RA bill									113.58	Cum

Contractor Representative

Mecadeez Core Technologies Private Limited

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bengaluru

7/4/23

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE
Exceecutive Engineer Byatarayanapura Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

6th & Part Bill

Item NO: 22

Item Name: Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On :				8/Apr/23						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	Asphalt Road									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
	0.00	25.00	1	25.00	7.00	6.20	6.60		165.00	
	25.00	30.00	1	5.00	5.60	5.60	5.60		28.00	
	30.00	60.00	1	30.00	5.60	7.00	6.30		189.00	
	60.00	90.00	1	30.00	7.00	6.10	6.55		196.50	
	90.00	120.00	1	30.00	6.10	6.70	6.40		192.00	
	120.00	135.00	1	15.00	9.00	9.00	9.00		135.00	
	135.00	155.00	1	20.00	5.90	6.00	5.95		119.00	
	155.00	180.00	1	25.00	6.00	6.80	6.40		160.00	
	180.00	199.00	1	19.00	6.10	5.60	5.85		111.15	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	7.40	5.00	6.20		80.60	
	13.00	30.00	1	17.00	6.10	5.70	5.90		100.30	
	30.00	60.00	1	30.00	5.70	5.60	5.65		169.50	
	60.00	80.00	1	20.00	5.60	6.30	5.95		119.00	
	Approach		1	6.00			0.60		3.60	
			1	2.50			1.50		3.75	
	2nd Cross Road From 1st Main Road to 2nd Main Road									
	0.00	15.00	1	15.00	7.40	7.60	7.50		112.50	
	15.00	30.00	1	15.00	6.70	6.60	6.65		99.75	
	30.00	46.00	1	16.00	6.60	8.80	7.70		123.20	
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	10.20	8.40	9.30		279.00	
	30.00	60.00	1	30.00	8.40	7.60	8.00		240.00	
	60.00	90.00	1	30.00	7.60	7.50	7.55		226.50	
	90.00	120.00	1	30.00	7.50	8.00	7.75		232.50	
	120.00	150.00	1	30.00	8.00	7.40	7.70		231.00	
	150.00	170.00	1	20.00	7.40	6.80	7.10		142.00	
	Approach		1	7.00			1.20		8.40	
			1	6.00			1.50		9.00	

3476.25

8/4/23

Assistant Executive Engineer
Roadscience Sub Division
BBMP, Bangalore

Scanned with CamScanner

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	1	30.00	6.10	5.50	5.80		174.00	
	30.00	60.00	1	30.00	5.50	5.20	5.35		160.50	
	60.00	90.00	1	30.00	5.20	5.40	5.30		159.00	
	90.00	120.00	1	30.00	5.40	6.40	5.90		177.00	
	120.00	150.00	1	30.00	6.40	5.20	5.80		174.00	
	150.00	165.00	1	15.00	5.20	5.80	5.50		82.50	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	5.80	4.80	5.30		159.00	
	30.00	51.00	1	21.00	4.80	4.80	4.80		100.80	
	Executed Quantity								4663.05	Sqm
	Schedule B Quantity								25323.23	Sqm
	Quantity paid in previous bill								5417.74	Sqm
	Quantity carried to summary of 6th RA bill								4663.05	Sqm

3496.23

Assistant Executive Engi...
Kodigehalli Sub Divisio...
BBMP, Bangalore

Mecadez Core Technologies Private Limited
MECADEZ

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodegehalli Sub Division
BBMP, Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANAGLORE MAHANAGARA PALIKE
Excecutive Engineer Byatarayanapura Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

6th & Part Bill

Item NO	23
Item Name	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				8/APR/23						
3)Improvements to Road and Drains at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.08 (Vidyaranyapura)										
	Canarabank Layout									
	Asphalt Road									
	2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
	0.00	25.00	1	25.00	7.00	6.20	6.60	0.04	6.60	
	25.00	30.00	1	5.00	5.60	5.60	5.60	0.04	1.12	
	30.00	60.00	1	30.00	5.60	7.00	6.30	0.04	7.56	
	60.00	90.00	1	30.00	7.00	6.10	6.55	0.04	7.86	
	90.00	120.00	1	30.00	6.10	6.70	6.40	0.04	7.68	
	120.00	135.00	1	15.00	9.00	9.00	9.00	0.04	5.40	
	135.00	155.00	1	20.00	5.90	6.00	5.95	0.04	4.76	
	155.00	180.00	1	25.00	6.00	6.80	6.40	0.04	6.40	
	180.00	199.00	1	19.00	6.10	5.60	5.85	0.04	4.45	
	1st Cross Road From 2nd Main Road 1st Main Road									
	0.00	13.00	1	13.00	7.40	5.00	6.20	0.04	3.22	
	13.00	30.00	1	17.00	6.10	5.70	5.90	0.04	4.01	
	30.00	60.00	1	30.00	5.70	5.60	5.65	0.04	6.78	
	60.00	80.00	1	20.00	5.60	6.30	5.95	0.04	4.76	
	Approach		1	6.00			0.60	0.04	0.14	
			1	2.50			1.50	0.04	0.15	
	2nd Cross Road From 1st Main Road to 2nd Main Road									
	0.00	15.00	1	15.00	7.40	7.60	7.50	0.04	4.50	
	15.00	30.00	1	15.00	6.70	6.60	6.65	0.04	3.99	
	30.00	46.00	1	16.00	6.60	8.80	7.70	0.04	4.93	
	1st Cross Road From Canara Bank 5th Cross Road to Dead End									
	0.00	30.00	1	30.00	10.20	8.40	9.30	0.04	11.16	
	30.00	60.00	1	30.00	8.40	7.60	8.00	0.04	9.60	
	60.00	90.00	1	30.00	7.60	7.50	7.55	0.04	9.06	
	90.00	120.00	1	30.00	7.50	8.00	7.75	0.04	9.30	
	120.00	150.00	1	30.00	8.00	7.40	7.70	0.04	9.24	
	150.00	170.00	1	20.00	7.40	6.80	7.10	0.04	5.68	
	Approach		1	7.00			1.20	0.04	0.34	
			1	6.00			1.50	0.04	0.36	

139.05

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore

Scanned with CamScanner

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
	6th Cross Road From 5th Main Road to 11th Main Road									139.05
	0.00	30.00	1	30.00	6.10	5.50	5.80	0.04	6.96	
	30.00	60.00	1	30.00	5.50	5.20	5.35	0.04	6.42	
	60.00	90.00	1	30.00	5.20	5.40	5.30	0.04	6.36	
	90.00	120.00	1	30.00	5.40	6.40	5.90	0.04	7.08	
	120.00	150.00	1	30.00	6.40	5.20	5.80	0.04	6.96	
	150.00	165.00	1	15.00	5.20	5.80	5.50	0.04	3.30	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	1	30.00	5.80	4.80	5.30	0.04	6.35	
	30.00	51.00	1	21.00	4.80	4.80	4.80	0.04	4.03	
Executed Quantity									186.52	Cum
Schedule B Quantity									1012.93	Cum
Quantity paid in previous bill									216.71	Cum
Quantity carried to summary of 6th RA bill									186.52	Cum

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer Byatarayanapura Division
Package No.01 (Consists of 14 Works)
Measurement sheet

Name of the Contractor M/s S.M.S Engineering Pvt. Ltd. Chennai,
Agreement No. SE(W)/EE/BYP/W-1/19-20/22
Work Order No. EE/BYP/

6th & Part Bill

Item No.	26	
Item Name	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on bituminous Surface providing and laying of hot applied thermoplastic compound 2.5 mm thick including retroreflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35-2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	

Sl. No	CHAINAGE Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Road marking			12.5+21.23						

Improvements to Road and Drain at Canara Bank layout, Ananda Layout and Surrounding area in Ward No.150 (Byatarayanapura)

Canarabank Layout									
Asphalt Road									
2nd Main Road From 1st Main Road to Sri Auro Bindo Public School									
0.00	25.00	2	25.00			0.10		5.00	
25.00	35.00	2	5.00			0.10		1.00	
35.00	65.00	2	30.00			0.10		6.00	
65.00	95.00	2	30.00			0.10		6.00	
95.00	125.00	2	30.00			0.10		6.00	
125.00	140.00	2	15.00			0.10		3.00	
140.00	160.00	2	20.00			0.10		4.00	
160.00	185.00	2	25.00			0.10		5.00	
185.00	204.00	2	19.00			0.10		3.80	
1st Cross Road From 2nd Main Road 1st Main Road									
0.00	13.00	2	13.00			0.10		2.60	
13.00	30.00	2	17.00			0.10		3.40	
30.00	60.00	2	30.00			0.10		6.00	
60.00	80.00	2	20.00			0.10		4.00	
2nd Cross Road From 1st Main Road to 2nd Main Road									
0.00	15.00	2.5	15.00			0.10		3.75	
15.00	30.00	2.5	15.00			0.10		13.75	
30.00	45.00	2.5	15.00			0.10		4.00	
1st Cross Road From Canara Bank 5th Cross Road to Dead End									
0.00	30.00	2.5	30.00			0.10		7.50	
30.00	60.00	2.5	30.00			0.10		7.50	
60.00	90.00	2.5	30.00			0.10		7.50	
90.00	120.00	2.5	30.00			0.10		7.50	
120.00	150.00	2.5	30.00			0.10		7.50	
150.00	170.00	2.5	20.00			0.10		5.00	

109.85

Asst. Engineer
Byatarayanapura Sub Division
BBMP, Bangalore

Scanned with CamScanner

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
	6th Cross Road From 5th Main Road to 11th Main Road									
	0.00	30.00	2	30.00			0.10		6.00	
	30.00	60.00	2	30.00			0.10		6.00	
	60.00	90.00	2	30.00			0.10		6.00	
	90.00	120.00	2	30.00			0.10		6.00	
	120.00	150.00	2	30.00			0.10		6.00	
	150.00	165.00	2	15.00			0.10		3.00	
	10th Main Road From 6th Cross Road Dead End									
	0.00	30.00	2	30.00			0.10		6.00	
	30.00	51.00	2	21.00			0.10		4.20	
Executed Quantity									153.00	Sqm
Schedule B Quantity									916.20	Sqm
Quantity paid in previous bill									211.18	Sqm
Quantity carried to summary of 6th RA bill									153.00	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.08
BBMP Bengaluru

Assistant Executive Engineer
Kodegehalli Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Scanned with CamScanner